| CLAIMS AS FILED - PART I (Column 1) (Column 2)  TOTAL CLAIMS  FOR  NUMBER FILED  NUMBER EXTRA  TOTAL CHARGEABLE CLAIMS  MINING 20=  NUMBER THAN SMALL ENTITY TYPE  RATE  BASIC FEE 370.00  OR  X\$ 9=  OR  X\$ 18=   | Application or Docket Number   |  |                    |                                       |               |               |            |     |           |        |      |             |        |
|--|--|--|--------------------|---------------------------------------|---------------|---------------|------------|-----|-----------|--------|------|-------------|--------|
| TOTAL CLAIMS  FOR NUMBER FILED NUMBER EXTRA  TOTAL CHARGEABLE CLAIMS / minus 20s *  INDEPENDENT CLAIMS / minus 3 s *  MULTIPLE DEPENDENT CLAIM PRESENT   | PATENT APPLICATION DETERMINATION RECORD  Effective October 1, 2001  10-049, 249  |  |                    |                                       |               |               |            |     |           |        |      |             | 49     |
| TOTAL CLAIMS  FOR  NUMBER FILED  NUMBER EXTRA  TOTAL CHARGEABLE CLAIMS  MULTIPLE DEPENDENT CLAIMS  MULTIPLE DEPENDENT CLAIM PRESENT  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  MINUS  TOTAL  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 4)  (Column 3)  (Column 4)  (Column 5)  (Column 5)  (Column 6)  (Column 1)  (Column 7)  (Column 7)  (Column 8)  (Column 8)  (Column 1)  (Column 9)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 4)  (Column 4)  (Column 5)  (Column 5)  (Column 6)  (Column 6)  (Column 7)  (Column 7)  (Column 8)  (Column 8)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 3)  (Column 4)  (Column 5)  (Column 5)  (Column 6)  (Column 6)  (Column 7)  (Column 7)  (Column 7)  (Column 8)  (Column 8)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 4)  (Column 5)  (Column 6)  (Column 6)  (Column 7)  (Column 7)  (Column 8)  (Column 8)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 4)  (Column 5)  (Column 6)  (Column 6)  (Column 7)  (Column 7)  (Column 8)  (Column 8)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 3)  (Column 3)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 3)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 4)  (Column 5)  (Column 6)  (Column 6)  (Column 7)  (Column 7)  (Column 8)  (Column 8)  (Column 8)  (Column 9)  (Column 1)  (Column 3)  (Column 3)  (Column 3)  (Column 3)  (Co | CLAIMS AS FILED - PART I   |  |                    |                                       |               |               |            |     | MALL EN   | (TITY  |      | OTHER       | THAN   |
| TOTAL CHARGEABLE CLAIMS  | ŦĊ   | TAL CLAIMS                                     |                    | (Column                               | 1)            | (Colu         |            |     |           |        |      |             |        |
| TOTAL CHARGEABLE CLAIMS    Minus 20  | TOTAL CLAIMS   |  |                    | <u> </u>                              |               |               |            |     | RATE      | FEE    |      | RATE        | 既。     |
| MULTIPLE DEPENDENT CLAIM PRESENT  * If the difference in column 1 is less than zero, enter "0" in column 2  * If the difference in column 1 is less than zero, enter "0" in column 2  * If the difference in column 1 is less than zero, enter "0" in column 2  * If the difference in column 1 is less than zero, enter "0" in column 2  * CLAIMS AS AMENDED - PART II  (Column 1)  (Column 1)  (Column 2)  (Column 3)  * FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM    Independent   Minus   Min | FOR  |  |                    | NUMBER FILED                          |               | NUMBER EXTRA  |            |     | Basic Fee | 370.00 | OR   | BASIC FEE   | 40.00  |
| MULTIPLE DEPENDENT CLAIM PRESENT  * If the difference in column 1 is less than zero, enter "0" in column 2  * If the difference in column 1 is less than zero, enter "0" in column 2  * If the difference in column 1 is less than zero, enter "0" in column 2  * If the difference in column 1 is less than zero, enter "0" in column 2  * If the difference in column 1 is less than zero, enter "0" in column 2  * CLAIMS AMENDED - PART II  * Column 3   Column 3   Column 3   Column 3   Column 3   CLAIMS   CRAIMS   CRAIMS   COlumn 3   CLAIMS   CLAIMS  | TOTAL CHARGEABLE CLAIMS  |  |                    | /9 minus 20=                          |               | •             |            |     | X\$ 9=    |        | OR   | X\$18=      |        |
| ### PRESENTATION OF MULTIPLE DEPENDENT CLAIM    Column 1   | INDEPENDENT CLAIMS   |  |                    | 3 minus 3 =                           |               | •             |            | ı   | X42=      |        | 00   | X84=        |        |
| TOTAL OR TOTAL SUBJECT STREET PRESENTATION OF MULTIPLE DEPENDENT CLAIM NINUS PRIOR TOTAL OR TOTAL SUBJECT STREET PRESENTATION OF MULTIPLE DEPENDENT CLAIM STREET STREE | MU   | LTIPLE DEPEN                                   | DENT CLAIM PI      | RESENT                                |               |               |            | ŀ   | +140-     |        |      |             |        |
| CLAIMS AS AMENDED - PART II  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 5)  (Column 5)  (Column 6)  (Column 7)  (Column 7)  (Column 7)  (Column 7)  (Column 7)  (Column 7)  (Column 8)  (Column 8)  (Column 1)  (Column 1)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 1)  (Column 3)  ( | • If   | the difference                                 | in column 1 is     | less than zero, enter "0" in column 2 |               |               |            | Ĺ   |           |        | )    |             | -0.0   |
| COLUMN 1 (COLUMN 2) (COLUMN 3) SMALL ENTITY OR |  |  |                    |                                       |               |               |            |     | IOIAL     |        | OR   | •           |        |
| REMAINING APTER AMENDMENT PREVIOUSLY PREVIOU | (Column 1) (Column 2) (Column 3)   |  |                    |                                       |               |               |            |     | SMALL E   | ENTITY | OR   |             |        |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM   | ENT A  |  | REMAINING<br>AFTER |                                       | NUM<br>PREVIO | BER<br>OUSLY  |            |     | RATE      | TIONAL |      | RATE        | TIONAL |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM   | NON  | Total  | . 17               | Minus                                 |               | 2             | =          |     | X\$ 9=    |        | OR   | X\$18=      |        |
| #140= OR +280= TOTAL OR ADDIT. FEE    COlumn 1)  | AME  |  | <u>· ح</u>         |                                       | *** _         | 5             | 7          | Ī   | X42=      | •      | OR   | X84=        |        |
| COlumn 1) (Column 2) (Column 3)  CLAIMS REMAINING AFTER PREVIOUSLY PAID FOR TOTAL ADDIT. FEE  Total  |  | FIRST PRESE                                    | NTATION OF MU      | JLTIPLE DEP                           | ENDEN         | T CLAIM       |            | ľ   | +140=     |        |      | +280=       |        |
| COlumn 1) (Column 2) (Column 3)  REMAINING AFTER AMENDMENT NUMBER PREVIOUSLY PAID FOR  Total   |  |  |                    |                                       |               |               |            | Ļ   |           |        | I    |             | · C'   |
| REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR TOTAL ADDIT. FEE    Column 1)   Column 2)   Column 3)   Column 4   Minus   Minus |  |  | (Column 1)         |                                       | (Colu         | mn 2\         | (Column 3) | A   | DDIT. FEE |        | JO., | ADDIT. FEE! |        |
| AFTER AMENDMENT PREVIOUSLY PAID FOR EXTRA MENDMENT PAID FOR PAID FOR EXTRA MENDMENT PAID FOR AMENDMENT PAID FOR PAID FOR AMENDMENT PAID FOR AMENDMENT PREVIOUSLY PAID FOR AMENDMENT PREVIOUSLY PAID FOR AMENDMENT PREVIOUSLY PAID FOR AMENDMENT PREVIOUSLY PAID FOR AMENDMENT PAID FOR  | 3  |  | CLAIMS             |                                       | HIGH          | HEST          |            | lг  |           | ADDI.  |      |             | ADDL   |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM   | NDMENT E   | e e 1885 de 1892<br>Austria de 1892 de 1892    | AFTER              |                                       | PREVI         | OUSLY         |            |     | RATE      | TIONAL |      | RATE        | TIONAL |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM   |  | Total  | •                  | Minus                                 | **            |               | =          |     | X\$ 9=    |        | OR   | X\$18=      |        |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM   | ME   |  |                    |                                       |               |               |            | lt  | X42=      |        | 0.5  | X84=        |        |
| (Column 1) (Column 2) (Column 3)  CLAIMS REMAINING AFTER AMENDMENT  Total  * Minus  ** |  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |                    |                                       |               |               |            | ╽┟  | ****      | •      | OH   | 7.01-       |        |
| COlumn 1) (Column 2) (Column 3)  CLAIMS REMAINING AFTER AMENDMENT  Total  Independent  Independent  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  ADDIT. FEE  ADDIT. FEE  ADDIT. FEE  ADDIT. FEE  ADDIT. FEE  OR  TOTAL ADDIT. FEE   |  |  |                    |                                       |               |               |            | L   |           |        | OR   | +280=       |        |
| CLAIMS REMAINING AFTER AMENDMENT Total  Independent FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  * If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  * TOTAL ADDIT. FEE  ADDI- RATE TIONAL FEE  X\$ 9=  OR  X\$18=  OR  ADDI- TOTAL ADDIT. FEE  OR  TOTAL ADDIT. FEE  OR  TOTAL ADDIT. FEE  OR  TOTAL ADDIT. FEE  |  |  |                    |                                       |               |               |            |     |           |        | OR   |             |        |
| REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR TOtal * Minus **   |  |  |                    |                                       | (Colu         | mn 2)         | (Column 3) |     |           |        |      |             |        |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  **OF TOTAL ADDIT. FEE  **OF ADDIT. FEE   | ENT C  |  | REMAINING<br>AFTER |                                       | NU&<br>PREVI  | MBER<br>OUSLY |            |     | RATE      | TIONAL |      | RATE        | TIONAL |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  **OF TOTAL ADDIT. FEE  **OF ADDIT. FEE   | Š  | Total  | *                  | Minus                                 | 44            |               | -          | lt  | X\$ 9=    |        | OB.  | X\$18=      |        |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  **OF TOTAL ADDIT. FEE  **OF ADDIT. FEE   | ME   | Independent                                    | •                  | Minus                                 | ***           |               | =          | 1 H |           |        |      |             |        |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  ***Off the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  | lacksquare   | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |                    |                                       |               |               |            |     | A42=      |        | OR   | X84=        |        |
| ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  ADDIT. FEE  ADDIT. FEE  OR  ADDIT. FEE  | •  | If the entry in colu                           |                    |                                       |               | OR            |            |     |           |        |      |             |        |
|  | ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  ADDIT. FEEOR ADDIT. FEE |  |                    |                                       |               |               |            |     |           |        |      |             |        |